

QY 421 CGGACCTCAAGCCATCCAAAGCTCCAGGCTCTGGCCGAGCCAGCTGCACTGAGGAGAT 480
 Db 421 CGGACCTCAAGCCATCCAAAGCTCCAGGCTCTGGCCGAGCCAGCTGCACTGAGGAGAT 480
 QY 481 TTGGCCTGTCACATTCAGGAGGCTCAAGTCAAGGAGGCTCAAGTCAAGGAGGCTCAAGTCAAGT 480
 Db 481 TTGGCCTGTCACATTCAGGAGGCTCAAGTCAAGGAGGCTCAAGTCAAGGAGGCTCAAGTCAAGT 480
 QY 541 GGCACCTGCTACTTGCCAGACTTTGTTAACGTAACGAACTTTGTTAACGTAACGAACTTTGTTAACG 540
 Db 541 GGCACCTGCTACTTGCCAGACTTTGTTAACGTAACGAACTTTGTTAACGTAACGAACTTTGTTAACG 540
 QY 601 GGCACCTGCTACTTGCCAGACTTTGTTAACGTAACGAACTTTGTTAACGTAACGAACTTTGTTAACG 600
 Db 601 GGCACCTGCTACTTGCCAGACTTTGTTAACGTAACGAACTTTGTTAACGTAACGAACTTTGTTAACG 600
 QY 661 GAGTGGCAACGAACTACCTCTGCTGCTGCTAACAGAGCAGTGTCAACGGAGAACGGCT 720
 Db 661 GAGTGGCAACGAACTACCTCTGCTGCTGCTGCTAACAGAGCAGTGTCAACGGAGAACGGCT 720
 QY 721 TCAATGGCTGAGCTGCCAACGAACTACCTCTGCTGCTGCTAACAGAGCAGTGTCAACGGAGAACGGCT 720
 Db 721 TCAATGGCTGAGCTGCCAACGAACTACCTCTGCTGCTGCTAACAGAGCAGTGTCAACGGAGAACGGCT 720
 QY 781 CTAATGGCTGCTGCTGAGCTGCCAACGAACTACCTCTGCTGCTGCTAACAGAGCAGTGTCAACGGAGAACGGCT 840
 Db 781 CTAATGGCTGCTGCTGAGCTGCCAACGAACTACCTCTGCTGCTAACAGAGCAGTGTCAACGGAGAACGGCT 840
 QY 841 CAAAAACTGTGAAGCTCTGAGATGAGCTCTGAGATGAGCTCTGAGATGAGCTCTGAGATGAGCTCTGAG 900
 Db 841 CAAAAACTGTGAAGCTCTGAGATGAGCTCTGAGATGAGCTCTGAGATGAGCTCTGAGATGAGCTCTGAG 900
 QY 901 GAAAGATTCTGTCATCACTGAGAGCAATAGAGATTCTACCCAGATGCA 960
 Db 901 GAAAGATTCTGTCATCACTGAGAGCAATAGAGATTCTACCCAGATGCA 960
 QY 961 GACCAAGGAGGAGCAGATGGATGAGAACATAGAAACCAACTCTG 1020
 Db 961 GACCAAGGAGGAGCAGATGGATGAGAACATAGAAACCAACTCTG 1020
 QY 1021 ATATGATCTCATGGTTCTGAGCTGGCTAACAAACTGAGATCTAGAGGAGCTCCAGCT 1080
 Db 1021 ATATGATCTCATGGTTCTGAGCTGGCTAACAAACTGAGATCTAGAGGAGCTCCAGCT 1080
 QY 1081 GTTCCTAAATGCGAGCTTACCAAGGGAGGGACAGGAGGAGCTCCAGCT 1140
 Db 1081 GTTCCTAAATGCGAGCTTACCAAGGGAGGGACAGGAGGAGCTCCAGCT 1140
 QY 1141 CAGCTTGAGCAGGGAGCTCTCGATGATGCTGGCCAACTCCAGACTCCAGAG 1200
 Db 1141 CAGCTTGAGCAGGGAGCTCTCGATGATGCTGGCCAACTCCAGACTCCAGAG 1200
 QY 1201 AACCTCAACTTCTGAGAACAGAATGCCAGCCTACCTCACTGGAGAACCAAGCTCTGGA 1260
 Db 1201 AACCTCAACTTCTGAGAACAGAATGCCAGCCTACCTCACTGGAGAACCAAGCTCTGGA 1260
 QY 1261 CGCGAGGGAGTCAAGGGCTGAGAGAACGACATGCTGCTGGGGCTGCAAGT 1320
 Db 1261 CGCGAGGGAGTCAAGGGCTGAGAGAACGACATGCTGCTGGGGCTGCAAGT 1320
 QY 1321 CGAACATCCAGAACAGGGGGCGCTGAGAGAACGACATGCTGCTGGGGCTGCAAGT 1380
 Db 1321 CGAACATCCAGAACAGGGGGCGCTGAGAGAACGACATGCTGCTGGGGCTGCAAGT 1380
 QY 1381 CGAGACAACTACTGACTATGAGAACAGAACACTGGCTGCCACATGGGGCTGGA 1440
 Db 1381 CGAGACAACTACTGACTATGAGAACAGAACACTGGCTGCCACATGGGGCTGGA 1440
 QY 1441 CTTTCGGCAAGGGGGGGCTGAGAGAACGACATGCTGCTGGGGCTGCAAGAAGCT 1500
 Db 1441 CTTTCGGCAAGGGGGGGCTGAGAGAACGACATGCTGCTGGGGCTGCAAGAAGCT 1500
 QY 1501 AAAGATCCTGAAGCCTGGAGCAGGCCACAGGGTGGTATAATCATGGGAATAA 1557

Db 1501 AAAGATCCTGAAGCCTGGAGCAGGCCACAGGGTGGTATAATCATGGGAATAA 1557

RESULT 2
 Sequence 2, Application US/09551914
 Patent No. 6267936
 GENERAL INFORMATION:
 APPLICANT: ZENECA Limited
 TITLE OF INVENTION: PROTEIN ACTIVATOR OF APOPTOSIS
 FILE REFERENCE: PHM-70536
 CURRENT APPLICATION NUMBER: US/09/551,914
 CURRENT FILING DATE: 2000-03-21
 PRIOR APPLICATION NUMBER: 09/329,418
 PRIOR FILING DATE: 1999-06-11
 NUMBER OF SEQ ID NOS: 39
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 2
 LENGTH: 1557
 TYPE: DNA
 ORGANISM: Homo Sapiens
 ;US-09-531-914-2

Query Match 99.5%; Score 1548.6; DB 3; Length 1557;
 Best Local Similarity 99.6%; Pred. No. 0;
 Matches 1551; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

Db 1 ATGCTGGCTCAAGTTATGCCAGGGGAGCCCGCCCTGGTTCATGGAGAA 60
 QY 1 ATGCTGGCTCAAGTTATGCCAGGGGAGCCCGCCCTGGTTCATGGAGAA 60
 Db 1 ATGCTGGCTCAAGTTATGCCAGGGGAGCCCGCCCTGGTTCATGGAGAA 60
 QY 61 CTGGAGACCGAGGAGCTGTCGGCAAAAGGGGTTGGACAGTGTCTCCGGCAACAT 120
 Db 61 CTGGAGACCGAGGAGCTGTCGGCAAAAGGGGTTGGACAGTGTCTCCGGCAACAT 120
 QY 121 AGGAAGTGGGCTACATGGGGGCTCAAGTCAACTGTAACCTGAGGAGATCCAGCT 180
 Db 121 AGGAAGTGGGCTACATGGGGGCTCAAGTCAACTGTAACCTGAGGAGATCCAGCT 180
 QY 181 GTCAAGGCCATGGCAAGTCTGGATACGAATTCTGTTGCTAGAGGGTTACG 240
 Db 181 GTCAAGGCCATGGCAAGTCTGGATACGAATTCTGTTGCTAGAGGGTTACG 240
 QY 241 AAGGTGACTGGGACAAAGTCCAGGGAGCTCTGGTACTAAATTCTGGAGAACGG 300
 Db 301 TCCTTGTCGGGGCTGCTCAGTCCAGTCCAGTCCCTYGGCCCTTGGGGCTCTTGGGGCT 360
 QY 361 CTGAAGAAGTGGTGTGGATGTTACCTGAGACGAGAACGGGTGCTCTGAC 420
 Db 361 CTGAAGAAGTGGTGTGGATGTTACCTGAGACGAGAACGGGTGCTCTGAC 420
 QY 421 CGGACCTCAAGCCATTCACAGGGCTGAGAGAACGACATGCTGAGGAGCT 480
 Db 421 CGGACCTCAAGCCATTCACAGGGCTGAGAGAACGACATGCTGAGGAGCT 480
 QY 541 GGCACCTGCTACTTGCCACAACTGTTGTTAACGAAACGGGAGGCTCACA 600
 Db 541 GGCACCTGCTACTTGCCACAACTGTTGTTAACGAAACGGGAGGCTCACA 600
 QY 601 GGCAGTGGCTACAGTCTGGGAGTCTCATGGGGAGCTGCTGGAGAGGTT 660
 Db 601 GGCAGTGGCTACAGTCTGGGAGTCTCATGGGGAGCTGCTGGAGAGGTT 660
 QY 661 GAGTGGCCAACGAAACCATCACTCTGAGAACGGAGCTGCTGAGAACGGCT 720

RESULT 3

US-09-329-418-1

Sequence 1: Application us/09329418

Patent No. 6,096539

GENERAL INFORMATION:

APPLICANT: ZENECA Limited

TITLE OF INVENTION: PROTEIN ACTIVATOR OF APOPTOSIS

FILE REFERENCE: PAM_70536

CURRENT FILING DATE: 1999-06-11

NUMBER OF SEQ ID NOS: 39

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 1

Db 661 GACTTGCCACACGACCACTACAGCTGTGAGCAGCTGTGACAGCGAACCGCCCT 720 ; LENGTH: 1873 ;
Db 721 TCAITGGCTGAGCTGCCCAAGCGGGCTGAGACTCCCGCTTAGAGGGCTGAAGGAG 780 ; TYPE: DNA ;
Qy 781 CTAATGCGCTCTGCTGGAGCACTGAGGCCAAGGAGACCCCTCTCCAGAAATGCTTA 840 ; ORGANISM: Homo Sapiens ;
Db 781 TCAATGCGCTCTGCTGGAGCACTGAGGCCAAGGAGACCCCTCTCCAGAAATGCTTA 840 ; US-09-329-418-1
Qy 841 CCAAAACTGATGAGCTTCCAGATGGCTGAGCTGAGCAAGACATATGATSGTGTCTCCAG 900 ; Query Match 98.0%; Score 1526.4; DB 3; Length 1873;
Db 841 CCAAAACTGATGAGCTTCCAGATGGCTGAGCTGAGCAAGACATATGATSGTGTCTCCAG 900 ; Best Local Similarity 99.1%; Pred. No. 0; Mismatches 11; Indels 3; Gaps 1;
Db 901 GTRAGAGGTTCTGTCTGAGCTGAGCAAGAGCAATAGAATGGTCTATCCAGAGCTCA 960 ; Matches 1546; Conservative 0;
Db 901 GTRAGAGGTTCTGTCTGAGCTGAGCAAGAGCAATAGAATGGTCTATCCAGAGCTCA 960 ;
Qy 961 GSCCAAGGAGGGAGAGAAATGGATGGCTTAGAGAACATAGAAACCA3ACTCPTG 1020 ;
Db 961 GSCCAAGGAGGGAGAGAAATGGATGGCTTAGAGAACATAGAAACCA3ACTCPTG 1020 ;
Qy 1021 AATGATGTCATGCTTCTGAGTCAGTGGCTAACAACTGATGAGCTCCAGTCA 1080 ;
Db 1021 AATGATGTCATGCTTCTGAGTCAGTGGCTAACAACTGATGAGCTCCAGTCA 1080 ;
Qy 1081 GTCTCTAAAAATGCCCGAGCCTTACCAAGAGGAGCAGGGCAAGAGGAGCAGGTCA 1140 ;
Db 1081 GTCTCTAAAAATGCCCGAGCCTTACCAAGAGGAGCAGGGCAAGAGGAGCAGGTCA 1140 ;
Qy 1141 CAAGCCCTGAGCAGCAGCACATCTCAGATGCGCCAACTTCCCAAGACTCCAGAG 1200 ;
Db 1141 CAAGCCCTGAGCAGCAGCACATCTCAGATGCGCCAACTTCCCAAGACTCCAGAG 1200 ;
Qy 1261 CCCGAGGAGATCAGGGGTGAGAGACAGGAGTACTGCTCTGAGCAGACCCCGAG 1320 ;
Db 1261 CCCGAGGAGATCAGGGGTGAGAGACAGGAGTACTGCTCTGAGCAGACCCCGAG 1320 ;
Qy 1261 ACCTCAACTTCTGAGAACAGATGCGCCAGCTTACATGAGAACCCATGACTCT 1320 ;
Db 1261 ACCTCAACTTCTGAGAACAGATGCGCCAGCTTACATGAGAACCCATGACTCT 1320 ;
Qy 1321 CCAAATCAGTACAGGGGACCGCTGTTAACATACAACTGCTCTGGGTGAGTT 1380 ;
Db 1321 CCAAATCAGTACAGGGGACCGCTGTTAACATACAACTGCTCTGGGTGAGTT 1380 ;
Qy 1380 1381 GAGACACACACTACTGACTATGACAAACGACACTGCTCTGCCACATGGGGCTTGCA 1440 ;
Db 1380 1381 GAGACACACACTACTGACTATGACAAACGACACTGCTCTGCCACATGGGGCTTGCA 1440 ;
Qy 1441 CCTCTGGCAAGGGAGGGCTGAGCACCCACGGAGCTGCTCTGGGTGAGGCTC 1500 ;
Db 1441 CCTCTGGCAAGGGAGGGCTGAGCACCCACGGAGCTGCTCTGGGTGAGGCTC 1500 ;
Qy 1501 AAAGATCCTGAGGCCTGGAGCAGGGTTGTTAACATAGGGGAAATA 1557 ;
Db 1501 AAAGATCCTGAGGCCTGGAGCAGGGTTGTTAACATAGGGGAAATA 1557 ;
Db 661 GACTTGCCACACGACCACTACAGCTGTGAGCAGCTGTGACAGCGAACCGCCCT 720 ;
Qy 778 GAGCTTATGCGCTCTGCTGGAGCAAGGAGACCCCTCTCCAGGAATG 837 ;
Db 945 GAGCTTATGCGCTCTGCTGGAGCAAGGAGACCCCTCTCCAGGAATG 1004 ;
Qy 838 CTACCAAAACTGATGAGCTTCCAGATGGCTGAGCAATAGAATSGTGTCTCC 897 ;
Db 1005 CTACCAAAACTGATGAGCTTCCAGATGGCTGAGCAATAGAATSGTGTCTCC 1064 ;
Qy 898 AGGTAAAGGATTCTGTCTGAGCTAAGGAGCAATAGGAGATTTCATCCAGAG 957 ;
Db 1065 AGGTAAAGGATTCTGTCTGAGCTAAGGAGCAATAGGAGATTTCATCCAGAG 1124 ;

RESULT 4

US-09-531-914-1

Sequence 1, Application US/09531914

Patent No. 6567956

GENERAL INFORMATION:

APPLICANT: ZENECA Limited

TITLE OF INVENTION: PROTEIN ACTIVATOR OF APOPTOSIS

FILE REFERENCE: PBM.70536

CURRENT APPLICATION NUMBER: US/09/531,914

PRIOR APPLICATION NUMBER: 09/329,418

PRIOR FILING DATE: 1999-06-11

NUMBER OF SEQ ID NOS: 39

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 1

LENGTH: 1873

TYPE: DNA

ORGANISM: Homo Sapiens

US-09-531-914-1

Query Match 98.0%; Score 15264; DB 3; Length 1873; Best Local Similarity 99.1%; Pred. No. 0; Matches 1546; Conservative 0; Mismatches 11; Indels 3; Gaps 1;

QY 1 ATGTCGCGCGTCAAGTATGGCCAGCGGTGCGCCAGCGGTCTGGCTCGGCAACAT 60

QY 165 ATGTCGTCGCGTCAAGTATGGCCAGCGGTGCGCCAGCGGTCTGGCTCGGCAACAT 224

QY 61 CTGGAGACCGAGGAGCTGTCGCGCAAGACGGGTCTGGCAAGTGTCCGGCGCAACAT 120

QY 225 CTGGAGACCGAGGAGCTGTCGCGCAAGACGGGTCTGGCAAGTGTCCGGCGCAACAT 284

QY 958 TCAAGCCAAAGGAGGAGCAAAATGCCCCAGCCTTACAGAGGAGGAGGAGGAGGAGG 1017

QY 1125 TCAAGCCAAAGGAGGAGCAAAATGCCCCAGCCTTACAGAGGAGGAGGAGGAGGAGG 1184

QY 1018 CGTAATGATGTCATGTTCTGAGTGTGCTAACAACTGATCTAGAGGAGGAGGAGG 1077

QY 1185 CGTAATGATGTCATGTTCTGAGTGTGCTAACAACTGATCTAGAGGAGGAGGAGG 1244

QY 1078 TCTGTCCTAAAMTCCCGAGCCTTACAGAGGAGGAGGAGGAGGAGGAGGAGG 1137

QY 1245 TCTGTCCTAAAMTCCCGAGCCTTACAGAGGAGGAGGAGGAGGAGGAGGAGG 1304

QY 1138 CCACAGGCGCTGAGCAGCGACATCTCAGATTCGATGAGGAGGAGGAGGAGG 1197

QY 1305 CCACAGCCTGAGCAGCGACATCTCAGATGAGGAGGAGGAGGAGGAGGAGG 1364

QY 1198 GAGACTCTCACTTTCGAAACAGATGCCCCAGCCTTACAGAGGAGGAGGAGGAGG 1257

QY 1365 GAGACCTCAACTTCAAAACAGATGCCCCAGCCTTACAGAGGAGGAGGAGGAGG 1424

QY 1138 CCACAGGCGCTGAGCAGCGACATCTCAGATGAGGAGGAGGAGGAGGAGG 1197

QY 1245 TCTGTCCTAAAMTCCCGAGCCTTACAGAGGAGGAGGAGGAGGAGGAGGAGG 1304

QY 1078 TCTGTCCTAAAMTCCCGAGCCTTACAGAGGAGGAGGAGGAGGAGGAGGAGG 1137

QY 1245 TCTGTCCTAAAMTCCCGAGCCTTACAGATCTAGAGGAGGAGGAGGAGGAGG 1304

QY 1138 CCACAGGCGCTGAGCAGCGACATCTCAGATGAGGAGGAGGAGGAGGAGG 1197

QY 1305 CCACAGCCTGAGCAGCGACATCTCAGATGAGGAGGAGGAGGAGGAGG 1364

QY 1198 GAGACCTCAACTTCAAAACAGATGCCCCAGCCTTACAGAGGAGGAGGAGGAGG 1257

Db 121 AGGAGTGGGGCTACGATGTGGGGTCAAGATGCTAAACTCTGAAGGGCATTCAGGGAG 180

Db 285 AGGAAGTGGGGCTACGATGTGGGGTCAAGATGCTAAACTCTGAAGGGCATTCAGGGAG 344

Db 181 GTCAAGGCCATGSGAAGATGCTGATAACGAAATTGCTGTTGCGCTAGAAGGGTATCAG 240

Db 345 GTCAAGGCCATGSGAAGATGCTGATAACGAAATTGCTGTTGCGCTAGAAGGGTATCAG 404

Db 241 AAGT--GAATCGGACAAAGATCCAGCTGCTGAGGAGGAGGAGGAGGAGGAGG 297

Db 405 AAGGTGGGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 464

Db 298 GGCTCCCTGCTGGGGCTGCTGGAGTGTGCTGCGCTGCGCTGGGGAGGAGGAGGAGG 357

Db 465 GGCTCTGCGCGGGCTGCTGGAGTGTGCTGCGCTGCGCTGGGGAGGAGGAGGAGG 524

Db 358 CTGCTGAAGAAGTGTGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 417

Db 525 CTGCTGAAGAAGTGTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 584

QY 418 CACCGGGACTTCAGCCATGCCCCAGCTGCTGCGCTGGGGAGGAGGAGGAGGAGG 537

Db 585 CACCGGGACTTCAGCCATGCCCCAGCTGCTGCGCTGGGGAGGAGGAGGAGGAGG 644

QY 478 GATTITGCTGTCACATTTCAGGGAGGGCTCTGGAGGAGGAGGAGGAGGAGGAGG 537

Db 645 GATTITGCTGTCACATTTCAGGGAGGGCTCTGGAGGAGGAGGAGGAGGAGGAGG 704

QY 1318 GAGCCAAATCCAGTAACAGGGGACCGCTCTGGAGGAGGAGGAGGAGGAGGAGG 1377

Db 1485 GAGCCAAATCCAGTAACAGGGGACCGCTCTGGAGGAGGAGGAGGAGGAGGAGG 1544

QY 1378 GTTGGAGACACAACACTGCTACTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1437

Db 1545 GTTGGAGACACAACACTGCTACTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1604

QY 1438 GACACCTCGGGCAGGGAGGGCTCTGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1497

Db 1605 GACACCTCGGGCAGGGAGGGAGGGCTCTGGAGGAGGAGGAGGAGGAGGAGGAGG 1664

QY 1498 CCTAAAGATCTGAAAGGCTGGAGCAGCCAGGGTTGTTAATCATAGGGAAATAA 1557

Db 1665 CCTAAAGATCTGAAAGCTGGAGCAGCCAGGGTTGTTAATCATAGGGAAATAA 1724

QY 7.18 CCTTCATTGCTGAGCTGCCCAAGGGGGCTGAGACTCCGGGTTAGGAGGACTGAG 777

Db 885 CCTTCATTGCTGAGCTGCCCAAGGGGGCTGAGACTCCGGGTTAGGAGGACTGAG 944

QY 778 GAGCTTATGCAAGTCTGCTGGAGGAGTGGAGCCAGACCTCTTCAGGATGTC 837

Db 945 GAGCTTATGCAAGTCTGCTGGAGGAGTGGAGCCAGACCTCTTCAGGATGTC 1004

QY 838 CTACCAAACACTGTAAGCTTCCAGATGGTGGAGAACATAGAACTGCTGCTC 897

Db 1005 CTACCAAACACTGTAAGCTTCCAGATGGTGGAGAACATAGAACTGCTGCTC 1064

QY 898 ACGGTAAGGATTCTGTCAGTCAGTCAGAACAGAACATAGGAGGATTCTATCCAGAG 957

Db 1065 ACGGTAAGGATTCTGTCAGTCAGTCAGAACAGAACATAGGAGGATTCTATCCAGAG 1124

QY 958 TCAAGCCAAAGGAGGAGCAAAATGCCCCAGCCTTACAGAGGAGGAGGAGGAGG 1017

Db 1125 TCAAGCCAAAGGAGGAGCAAAATGCCCCAGCCTTACAGAGGAGGAGGAGGAGG 1184

QY 1018 CGTAATGATGTCATGTTCTGAGTGTGCTAACAACTGATCTAGAGGAGGAGGAGG 1077

Db 1185 CGTAATGATGTCATGTTCTGAGTGTGCTAACAACTGATCTAGAGGAGGAGGAGG 1244

QY 1078 TCTGTCCTAAAMTCCCGAGCCTTACAGAGGAGGAGGAGGAGGAGGAGGAGG 1137

Db 1245 TCTGTCCTAAAMTCCCGAGCCTTACAGATCTAGAGGAGGAGGAGGAGGAGG 1304

QY 1138 CCACAGGCGCTGAGCAGCGACATCTCAGATTCGATGAGGAGGAGGAGGAGG 1197

QY 1305 CCACAGCCTGAGCAGCGACATCTCAGATGAGGAGGAGGAGGAGGAGGAGG 1364

QY 1198 GAGACCTCAACTTCAAAACAGATGCCCCAGCCTTACCTCAACCTGGAACACCAAGTCT 1257

Db 1441 |||||||AGATCCTGAACTGGAGCAGGCCACAGGTTGGATAATAGCGGAAATAA 1495
 RESULT 6
 US-09-023-655-558
 ; Sequence 558, Application US/09023655
 ; Patent No 6607879
 ; GENERAL INFORMATION:
 ; APPLICANT: Cocks, Benjamin G.
 ; APPLICANT: Susan G. Stuart
 APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 1508
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/023, 655
 FILING DATE: HEREWITH
 CLASSIFICATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37, 071
 REFERENCE/DOCKET NUMBER: PA-0001 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 558:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 509 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: CONSUTO1
 CLONE: 2349047
 US-09-023-655-558
 Query Match 21.5%; Score 334.2; DB 4; Length 509;
 Best Local Similarity 94.8%; Pred. No. 2.6e-82; Indels 0; Gaps 0;
 Matches 345; Conservative 0; Mismatches 19; Indels 0; Gaps 0;
 Qy 433 |||||||CATCCAACTGGCTCGGGACAGAGCTGCAAGCTGAGCTGGAGATTTGGCTGTC 492
 Db 146 |||||||CTGGCACTTCCAGCTGATGCTGCGTCAATTGGCGATTCGGCTGTC 205
 Qy 493 |||||||ACATTCTGGAGGGTCACAGTCAGGACAGGGTCCAGGAACTGGGGACCTGGC 552
 Db 206 |||||||ACATTCAGGGAGGCTCACAGTCAGGACAGGGTCCAGGAACTGGGGACCTGGC 265
 Qy 553 |||||||TACTTGCCCCAGAACCTGTTAACGTAACCGAAGGGTCAAGGGGGACCTGGC 612
 Db 266 |||||||TACTTGCCCCAGAACCTGTTAACGTAACCGAAGGGTCAAGGGGGACCTGGC 325
 Qy 613 |||||||TACAGCTTGGGAACTTAACTGGGAGTTGCTGAAAGAGACTGAGTGGTGCAC 672
 Db 326 |||||||TACAGCTTGGGAACTTAACTGGGAGTTGCTGAAAGAGACTGAGTGGTGCAC 385
 Qy 673 |||||||GAACCATCTCTGGTACAGGAGCTGCAACAGGGAGACCGCTTCATGGCTGAG 732
 Db 386 |||||||GAACCATCTCTGGTACAGGAGCTGCAACAGGGAGACCGCTTCATGGCTGAG 445
 Qy 733 |||||||CTGCCCAAGCCGGCTAGACTCCCTAGAAGACTGAGGAGTAATGGAGTC 792
 Db 446 |||||||CTGCCCAAGCCGGCTAGACTCCCTAGAAGACTGAGGAGTAATGGAGTC 505
 Qy 793 |||||||TGCT 796
 Db 506 |||||||TGCT 509

RESULT 7
 US-09-023-655-826
 ; Sequence 826, Application US/09023655
 ; Patent No. 6607879
 ; GENERAL INFORMATION:
 ; APPLICANT: Cocks, Benjamin G.
 ; APPLICANT: Susan G. Stuart
 ; APPLICANT: Jeffrey J. Seilhamer
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF BLOOD CELL GENE
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 1508
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94304
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/023, 655
 FILING DATE: HEREWITH
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: PA-0001 US
 FILING DATE: HEREWITH
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37, 071
 REFERENCE/DOCKET NUMBER: PA-0001 US
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 826:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 308 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: BRAITUT03
 CLONE: 866123
 US-09-023-655-826
 Query Match 19.0%; Score 295.4; DB 4; Length 308;
 Best Local Similarity 98.0%; Pred. No. 9.8e-72; Indels 0; Gaps 0;
 Matches 299; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

Qy 249 |||||||CTGGACCAAGATCCAAACCGGGCTCTGGAGCTAAATCATGGAGACGGCTCCTGTC 308
 Db 4 |||||||CTCGAGCCAAAGATCCAAACGGGGCTCTGGAGCTAAATCATGGAGACGGCTCCTGTC 63
 Qy 309 |||||||GGGGCTGCTGAGTCCAGGCTGGCCCTGGCGCTCTTCCGCTGCTGAAAGA 368
 Db 64 |||||||GGGGCTGCTGAGTCCAGGCTGGCCCTGGCGCTCTTCCGCTGCTGAAAGA 123

RESULT 8
 US-09-016-434-980
 ; Sequence 980, Application US/09016434
 ; Patent No. 6500938
 ; GENERAL INFORMATION:
 APPLICANT: Janice Au-Young
 TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF SIGNALING
 TITLE OF INVENTION: PATHWAY GENE EXPRESSION
 NUMBER OF SEQUENCES: 1490
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: INVENT PHARMACEUTICALS, INC.
 STREET: 3174 PORTER DRIVE
 CITY: PALO ALTO
 STATE: CALIFORNIA
 COUNTRY: USA
 ZIP: 94104
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/016,434
 FILING DATE: HEREWITH
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 TELECOMMUNICATION INFORMATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Zeller, Karen J.
 REGISTRATION NUMBER: 37, 071
 REFERENCE/DOCKET NUMBER: PA-0002 US
 TELEPHONE: (650) 855-0555
 TELEFAX: (650) 845-4166
 INFORMATION FOR SEQ ID NO: 980:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 264 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 LIBRARY: BRAITUT03
 CLONE: 866123
 US-09-016-434-980

Query Match 6.9%; Score 107.4; DB 4; Length 2355;
 Best Local Similarity 49.1%; Pred. No. 1.2e-19;
 Matches 406; Conservative 0; Mismatches 406; Indels 15; Gaps 4;
 Query 72 GAGCTGTGTCGAAAGACGAGGTTGCGACAGTGTGTCGCGGCGAACATAGAAAGGGGG 131
 Db 75 GGAAAGAGGTGGCTCGGGCGCTTCGGCAGGTGACAGGTGCGCCATGTCACTEGA 134
 Query 132 CTAGATTTGGCGTCAAGATC-GTAATCGAAGGCGATATCAGGGGGTCAGGC 188
 Db 135 GACCTGCTGGCCATATGAGTCTGCGCAGCTGCGACGGTCAAGGGGGTAA 194
 Query 189 CATTGGCAAGTCGATGATAACGAAATTGTTGGCCATGAGAAGGGTTATCGAGAAAGGTGAA 248
 Db 195 GCTTTCGAGAGGCGAGAGATGGAGATGCCAGTTGGCTACATCCGCTCTGTA 254
 Query 249 CTCGGGACAAAGATCCCGAAGCGCGCTCTGGTGTGACTAAATTCTGGAGAACGACGCTCCCTGTC 308
 Db 255 TGCATCTGCCGAAACCTGTCGGCTCTGGTGTGAGGATACATGGAGGTCCTGGGA 314
 Query 309 GGGGCTCTGGCGTCCAGTGCCTCGCCCTGGCGCTCTTGGGCCCTGTAAGA 368
 Db 315 AAAGCTCTGCTGCTGAG--CCATTCGATGGATCTCGGCTCTGGAGATCATCCAGA 371
 Query 369 AGTGGTCTTGGATGTTAACCTGCAAGGACCCGGCTCTGCAAGGGGACT 428
 Db 372 GAGGGGGGCGCATGACTCTGCACTGATGCCGCGACCTCTGCACTGCACT 431
 Query 429 CAAAGCTTCCAAAGCTCTGGCGGAGGACACTGCAAGCTGCAAGCTTGGCT 488
 Db 432 CAAAGCCGCGACATCTGCTGCTGAGGCTACCTACAGGTCAAGTTCTGATTTGCT 491
 Query 489 GTCCACATTTCAGGGAGGCTCACAGTCAGGAGGAGGGTCCGGGAGCCACCT 349
 Db 549 GGGCT 553
 Db 304 GGATT 308

RESULT 9
 US-09-781-882-3
 ; Sequence 3, Application US/09781882
 ; Patent No. 6630335
 ; GENERAL INFORMATION:
 APPLICANT: Kapeller-Liberman, Rosana
 TITLE OF INVENTION: 1471 Protein Kinase, a No. 6630335e1 Human
 FILE REFERENCE: 03580-20904 (5005-6
 CURRENT APPLICATION NUMBER: US/09/781, 882
 CURRENT FILING DATE: 2001-02-12
 PRIOR APPLICATION NUMBER: U.S. 60/182, 096
 PRIOR FILING DATE: 2000-02-11
 NUMBER OF SEQ ID NOS: 4
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 3
 LENGTH: 2355
 TYPE: DNA
 ORGANISM: H. sapiens
 US-09-781-882-3

Query Match 6.9%; Score 107.4; DB 4; Length 2355;
 Best Local Similarity 49.1%; Pred. No. 1.2e-19;
 Matches 406; Conservative 0; Mismatches 406; Indels 15; Gaps 4;
 Query 72 GAGCTGTGTCGAAAGACGAGGTTGCGACAGTGTGTCGCGGCGAACATAGAAAGGGGG 131
 Db 75 GGAAAGAGGTGGCTCGGGCGCTTCGGCAGGTGACAGGTGCGCCATGTCACTEGA 134
 Query 132 CTAGATTTGGCGTCAAGATC-GTAATCGAAGGCGATATCAGGGGGTCAGGC 188
 Db 135 GACCTGCTGGCCATATGAGTCTGCGCAGCTGCGACGGTCAAGGGGGTAA 194
 Query 189 CATTGGCAAGTCGATGATAACGAAATTGTTGGCCATGAGAAGGGTTATCGAGAAAGGTGAA 248
 Db 195 GCTTTCGAGAGGCGAGAGATGGAGATGCCAGTTGGCTACATCCGCTCTGTA 254
 Query 249 CTCGGGACAAAGATCCCGAAGCGCGCTCTGGTGTGACTAAATTCTGGAGAACGACGCTCCCTGTC 308
 Db 255 TGCATCTGCCGAAACCTGTCGGCTCTGGTGTGAGGATACATGGAGGTCCTGGGA 314
 Query 309 GGGGCTCTGGCGTCCAGTGCCTCGCCCTGGCGCTCTTGGGCCCTGTAAGA 368
 Db 315 AAAGCTCTGCTGCTGAG--CCATTCGATGGATCTCGGCTCTGGAGATCATCCAGA 371
 Query 369 AGTGGTCTTGGATGTTAACCTGCAAGGACCCGGCTCTGCAAGGGGACT 428
 Db 372 GAGGGGGGCGCATGACTCTGCACTGATGCCGCGACCTCTGCACTGCACT 431
 Query 429 CAAAGCTTCCAAAGCTCTGGCGGAGGACACTGCAAGCTGCAAGCTTGGCT 488
 Db 432 CAAAGCCGCGACATCTGCTGCTGAGGCTACCTACAGGTCAAGTTCTGATTTGCT 491
 Query 489 GTCCACATTTCAGGGAGGCTCACAGTCAGGAGGAGGGTCCGGGAGCCACCT 349
 Db 530 GGGAGCAGGGGAGGACCTGAGCT 553
 Db 241 GGGAGCAGGGGAGGACCTGAGCT 264

Db 286 TGGTATGGAGAACATGGAGACAGGCTCCTGGAGAACGCTGCTGGCTCAGAG--CCAT 342
 Qy 335 GGCCTGGCCTCTTCCGCTGCTGAAGAGTGGCTGGATGTTACCTGC 394
 Db 343 TSGCTGGACCTGGCTTGCACTGGACAGCAGCCATGGCTGG 402
 Qy 395 ACAGGACAGGGGGTGTCTGGACAGACAGCAGCCATGGCTGG 454
 Db 403 ATTCGATCTCCGCACTGGCTTGCACTGGACAGCAGCCATGGCTGG 462
 Qy 455 CAGGCTGCACTGGCAACTGGCTGGACAGCAGCCATGGCTGG 514
 Db 463 CCCACTACATGCAAGATTGCTGACTTGGCTGGACAGCAGCCATGGCTGG 522
 Qy 515 C--AGGACAGGGCCGGGAGCCAGGGCACCTGGGACTGGCAACTGT 571
 Db 523 CTGATGACCTACATGATGACGCTGCTGACTTGGCCAGACTGT 582
 Qy 572 TTGTTAACGTAACCGGAGGCTCAGGGGACCTGGGACTGGCAACTGT 631
 Db 583 TTGTTGAGAAGGCGCTGTTGACACAAACATGATGATACGCTGGCTAC 642
 Qy 632 TGGGGGAGCTGCTGCTGAGGAGTGGCTGGGACTGGGACTGGCTAC 690
 Db 643 TCTGGGGTGTCTACAGAGGAGGCTGGGACTGGGACTGGCTAC 702
 Qy 691 GAGGAGTGGCTGACAGGAGGCTGGGACTGGGACTGGCTAC 750
 Db 703 TGATGAAAGTGGTAAGGGCAGCCACGGCC-----AGAGTGGCTAC 755
 Qy 751 GAGACTCCGGCTTAGAAGGACTGAGGAGCTATGAGCTGCTGGAGGAGCTGGCC 810
 Db 756 CGCCCGCTGCTGCTGAGGATAGGATAATGCACTGGCTGGCTGAGGCC 815
 Qy 811 AAGGACAGACCCCTCTCCAGGAATGCTACCAAACATGTAAGTGTCTCCAGATGGT 870
 Db 816 CAGTGCCGCCACCTTCAAGGAAATTACCTCTGAAACAGAACGACTTGTGAGAACCT 875
 Qy 871 GAGAACATATGATG 886
 Db 876 GATGAGGAGGTGAAG 891

RESULT 12
 US-09-509-802-1
 ; Sequence 1, Application US/09509802
 ; Patent No. 6499130
 ; GENERAL INFORMATION:
 ; APPLICANT: Immunex Corp.
 ; APPLICANT: Bird, Timothy
 ; TITLE OF INVENTION: DEATH ASSOCIATED KINASE CONTAINING ANKYRIN REPEATS (DAKAR)
 ; FILE REFERENCE: 2889-US
 ; CURRENT APPLICATION NUMBER: US/09/509,802
 ; CURRENT FILING DATE: 2000-06-02
 ; NUMBER OF SEQ ID NOS: 5
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 2370
 ; TYPE: DNA
 ; ORGANISM: Mus sp.
 ; US-09-509-802-1

Query Match 6.2%; Score 96.8; DB 4; Length 2370;
 Best Local Similarity 51.9%; Pred. No. 9.9e-17;
 Matches 320; Conservative 0; Mismatches 282; Indels 14; Gaps 4;

Db 347 TGCTTGGACCTGGCTTCGCACTGGAGAACGCGCTGGATGACTTCTGC 406
 Qy 395 ACCACCAACCGGCTCTCGCAACGGACCTCGCACTGGATGACTTCTGC 454
 Db 407 ATTCGATCTCCGCACTGGCTTGCACTGGACAGCAGCCATGGCTGG 466
 Qy 455 CAGGCTGCACTGGCTGGACAGCAGCCATGGCTGG 514
 Db 467 CCCACTACATGCAAGATTGCTGACTTGGCTGGACAGCAGCCATGGCTGG 526
 Qy 515 C--AGGACAGGGCCGGGAGCCAGGGCACCTGGGACTGGCAACTGT 571
 Db 527 CTGATGACCTGACATGGCTGGCTGTTGCTAC 586
 Qy 572 TTGTTAACGTAACCGGAGGCTCAGGGGACCTGGGACTGGCAACTGT 631
 Db 587 TTGTTGAGAAGGCGCTGTTGACACAAACATGATGATACGCTGGCTAC 646
 Qy 632 TGTGGGGAGTGTCTGAGGAGTGGCTGGGACTGGGACTGGCTAC 690
 Db 647 TCTGGGGTGTCTACAGAGGAGGCTGGGACTGGGACTGGCTAC 706
 Qy 691 GAGGAGTGGCTGACAGGAGGCTGGGACTGGGACTGGCTAC 750
 Db 707 TGATGAAAGTGGTAAGGGCAGCCACGGCC-----AGAGTGGCTAC 759
 Qy 751 GAGACTCCGGTTAGAAGGACTGAGGAGCTATGAGCTGCTGGAGGAGCTGGCC 810
 Db 760 CGCCCGCTGCTGCTGAGGATAGGCTGATGCACTGGCTGAGGCC 819
 Qy 811 AAGGACAGACCCCTCTCCAGGAATGCTACCAAACATGTAAGTGTCTCCAGATGGT 870
 Db 820 CAGTGCCGCCACCTTCAAGAAATTACCTCTGAAACAGAACGACTTGTGAGAACCT 879
 Qy 871 GAGAACATATGATG 886
 Db 880 GATGAGGAGGTGAAG 895

RESULT 13
 US-09-188-930-257
 ; Sequence 257, Application US/09188930A
 ; Patent No. 6150502
 ; GENERAL INFORMATION:
 ; APPLICANT: Watson, James D.
 ; APPLICANT: Strachan, Lorna
 ; APPLICANT: Sleeman, Matthew
 ; APPLICANT: Christ, Rene
 ; APPLICANT: Mirison, James Greg
 ; TITLE OF INVENTION: Compositions Isolated From Skin Cells
 ; TITLE OF INVENTION: and Methods For Their Use
 ; FILE REFERENCE: 11000.1011C1
 ; CURRENT APPLICATION NUMBER: US/09/188,930A
 ; CURRENT FILING DATE: 1998-11-09
 ; NUMBER OF SEQ ID NOS: 348
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 3516
 ; TYPE: DNA
 ; ORGANISM: Mouse
 ; US-09-188-930-257

Query Match 6.2%; Score 96.8; DB 3; Length 3516;
 Best Local Similarity 51.9%; Pred. No. 1.2e-16;
 Matches 320; Conservative 0; Mismatches 282; Indels 14; Gaps 4;

Db 275 TGGTACTAAATCATGGAGAACGGCTCCCTGCGGGCTGCTGGAGCTGGCTC 334
 Qy 284 TGGTACTAAATCATGGAGAACGGCTCCCTGCGGGCTGCTGGAGCTGGCTC 340
 Db 335 GGCCTGGCGCTCTTGGCGCTCTGCTGAAGAAGTGGGCTGGATGTTACCTGC 394
 Qy 341 TGCCTGGACCTGGCTTCCGATCTGCACTGGAGAACGAGCCGGCATGACTTCTGC 400

RESULT 14

US-09-312-283C-257

; Sequence 257, Application US/09312283C

; Patent No. 673095

GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Strachan, Lorna

APPLICANT: Sleeman, Matthew

APPLICANT: Murison, James G.

APPLICANT: Kumble, Krishanand D.

TITLE OF INVENTION: Compositions Isolated from Skin Cells

FILE REFERENCE: 11000-1011C2

CURRENT APPLICATION NUMBER: US/09/312, 283C

CURRENT FILING DATE: 1999-05-14

NUMBER OF SEQ ID NOS: 425

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 257

LENGTH: 3516

TYPE: DNA

ORGANISM: Mouse

US-09-312-283C-257

Query Match 6.2%; Score 96.8; DB 4; Length 3516; Best Local Similarity 51.9%; Pred. No. 1.2e-16; Matches 320; Conservative 0; Mismatches 282; Indels 14; Gaps 4;

Qy 275 TGGTACTAATTATGGAGAACGGGTCCTCTGGGCTCTGGAGCTCCAGTCCAGTGCCTC 334

Qy 284 TGGTACTAATTATGGAGAACGGGTCCTCTGGGCTCTGGAGCTCCAGTGCCTC 340

Qy 335 GGCCTGGCCGCTCTTGCCTGGAGCTCCAGTGCCTC 394

Qy 341 TGCCTGGGACCTGGCTTCGCATCTGAGAGACGCCGGCATGACTCTGC 400

RESULT 15

US-09-188-930-66

; Sequence 66, Application US/09188930A

; Patent No. 6150502

GENERAL INFORMATION:

APPLICANT: Watson, James D.

APPLICANT: Strachan, Lorna

APPLICANT: Sleeman, Matthew

APPLICANT: Onrust, René

APPLICANT: Murison, James Greg

TITLE OF INVENTION: Compositions Isolated From Skin Cells

TITLE OF INVENTION: and Methods For Their Use

FILE REFERENCE: 11000-1011C1

CURRENT APPLICATION NUMBER: US/09/188, 930A

CURRENT FILING DATE: 1998-11-09

NUMBER OF SEQ ID NOS: 348

SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO 66

LENGTH: 1888

TYPE: DNA

ORGANISM: mouse

FEATURE:

NAME/KEY: unsure

LOCATION: (1690)...(1690)

NAME/KEY: unsure

LOCATION: (1755)...(1755)

NAME/KEY: unsure

LOCATION: (1864)...(1864)

US-09-188-930-66

Query Match 5.1%; Score 79.6; DB 3; Length 1888; Best Local Similarity 53.2%; Pred. No. 4.8e-12; Matches 329; Conservative 0; Mismatches 274; Indels 15; Gaps 7;

Qy 275 TGGTACTAATTATGGAGAACGGGTCCTCTGGGCTCTGGAGCTCCAGTCCAGTGCCTC 334

Db	284	TGGTCAATGGAGTAACTGGAGACAGCCTCCCTGGAGAAGCCTGGCTCAGAG--CCAT	340
Qy	335	GGCCCTGGCGCTCCCTTCCCGCTGCTGAAAGAGTGGTCTGGGATGTTAACCG	394
Db	341	TGCTCTGGGACACTGGCTTTCGCACTGAGACAGACAGCCTGGCTCAGACTTCTGC	400
Qy	395	ACGACAGACAGACCCGGTGCCTGACCGGAGCTCAAGCCTAACGCTTGGGCTGGCCAGA	452
Db	401	ATTCGATGCTCCGGCACTGCTGACAGACAGCCTGGCTCAGACTTCTGC	460
Qy	453	CCCAGAGCTGACCGTCAACTGTGSC--AGATTTGCGCTGCGCACATTCAGGGAGCTAC	511
Db	461	CCCACTTACCAAAATGTCAGATTCTGACTTTGGCTGGCCAACTGCAATGGATGTCC	520
Qy	512	AGTC--AGGGAGGGCTGGGAGCCAGGGCACCTGGCTACTTGCCCCAGAC	568
Db	521	ACTCTCATGACCTCAGCATGATGGATGGCTTCAGACATGGTACCTCCCTCCAGGC	580
Qy	569	TGTTTGTAACTGTAACCGGAAGGCCCTCACAGCAGTCACTACGCTTCGGATCC	628
Db	581	GAATTCTGCTGAGAAGAGCCCTTGTGACACAAACATGATGATACGCTGGCATTC	640
Qy	629	TAATGTTGGCAGTCCTTGTGAGAAGAGAAGTTGGATGTCACACCGAACATCACTCGT	688
Db	641	TGATCTGGGTGTCTAC--ACGAAATACTGATTCAGATGAAAGAACATCC--T	695
Qy	689	ACCGAGCAGTGTGSCAACAGGAGAACCCSCTTCATTCGAGCTGGCCCAAAGCAGG	748
Db	696	ACACATCTGATGAGTGTAAAGGGCACCCCAAGCTCCACCOATCTGCAGAC	754
Qy	749	CTGAGACTCCGCTTAGAGGACTGAGGAGCTATGGAGCTCTGGAGCTGGAGTGGC	808
Db	755	CCCGCGCCGCGCTGTGSCACGGCTGATAGGGCTATGCAACCGTGTGCGATCGAGACC	814
Qy	809	CCAGAGACACCTCTTCAGGATGCTTACAAAACTGATGAGCTTCAGATGG	868
Db	815	CAAGCTGGGCCACCTTCAGAAATTACCTCTGAAACAGAGACCTTGTGAGAAC	874
Qy	869	TGAGAACATATGATG 886	
Db	875	CTGATGAGGAGGTGAAG 892	

Search completed: July 22, 2004, 16:33:25
Job time : 137 secs

This Page Blank (uspto)